

What is claimed:

1. A motorized exercise and rehabilitation chair for pacing controlled movements of the legs and arms of a disabled user, comprising: a base platform; a chair including a horizontal seat cushion and a vertical seat back; adjustable support members for supporting said cushion above said base platform; a foot platform slidably supported on said base platform beneath said cushion; first drive means carried on said base platform for longitudinally moving said foot platform between a forward position and a rearward position; a footrest for supporting the feet of the user connected to the front end of said foot platform for pivotal movement about a transverse axis from a horizontal position to a forwardly and upwardly inclined position; an actuator member connected between said base frame and said footrest for moving said footrest to said inclined position as said foot platform approaches said forward position thereby flexing the knees and ankles of said user; first control means operable by said user for operating and regulating the speed of said first drive means; a pair of armrests on opposite sides of said cushion for supporting the forearms of said user; second drive means for moving said armrests a orbiting circular pattern for flexing the elbows and shoulders of said user; and second control means connected with said second drive means operable by said user for operating and regulating the speed of said second drive means.

2. The motorized exercise and rehabilitation chair as recited in claim 1 wherein said actuator member includes a biasing member applying a

resistive force against the foot of the user as the footrest moves to said inclined position.

3. The motorized exercise and rehabilitation chair as recited in claim 2 wherein said biasing member is a coiled spring.

4. The motorized exercise and rehabilitation chair as recited in claim 2 wherein said first drive means includes a chain loop, a drive member operatively attached at one end to said chain loop and at the other end to said foot platform, and a motor for rotating said chain loop thereby moving said platform between said forward position and said rearward position.

5. The motorized exercise and rehabilitation chair as recited in claim 1 wherein said armrest includes a rearwardly extending arm supported at a middle section on a roller member carried above said cushion, and said second drive means includes a rotatable member eccentrically pivotally connected to a rear end of said arm for reciprocating and inclining said arm to impart said circular motion to said armrest.

6. The motorized exercise and rehabilitation chair as recited in claim 5 wherein said roller member is vertically adjustable.

7. The motorized exercise and rehabilitation chair as recited in claim 6 wherein said rotatable member is a circular disk rotatable about a transverse axis and said rear arm is pivotally connected to said disk radially outward of said transverse axis.

8. The motorized exercise and rehabilitation chair as recited in claim 7 wherein said first and second control means are mounted on a support arm pivotally mounted in front of said cushion for positional control by either hand of the user.

9. The motorized exercise and rehabilitation chair as recited in claim 8 wherein a roller is transversely rotatably supported at a forward end on said armrest for gripping by the hand of the user.

10. The motorized exercise and rehabilitation chair as recited in claim 1 wherein said adjustable members permit selective longitudinal and vertical positioning of said chair.